

Message

From: Fennessy, Christopher [christopher.fennessy@Rocket.com]
Sent: 7/26/2017 11:29:23 PM
To: Keller, Lynn [Keller.Lynn@epa.gov]; MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov) [Peter.MacNicholl@dtsc.ca.gov]; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov) [Alex.MacDonald@waterboards.ca.gov]; (Tom.Lae@ch2m.com) [Tom.Lae@ch2m.com]; Kraemer, Sue (Sue.Kraemer@aptim.com) [Sue.Kraemer@aptim.com]; Joe Niland (JNiland@Geosyntec.com) [JNiland@Geosyntec.com]; sforbess@Geosyntec.com
Subject: Area 40 Spring 2017 Groundwater Data
Attachments: Area 40 south - May 2017 water levels.xlsx; GW well map with TCE-CIO4.pdf; Area 40 south - May 2017 GW Data.xlsx

Hi Everyone – I have compiled the Spring 2017 data for Area 40 wells that were either dry during previous events or in the vicinity of dry wells. As you can see, most of the wells had water during the May 2017 sampling event. Although, the wells that were measured this round and previously dry (30478 and 30481) had less than 1 foot of water in them.

TCE (in red boxes on figure) and perchlorate (black text below red boxes on figure) were detected in the southern wells that were historically dry and sampled during this event. Chemicals are still well bound to the East and the concentrations drop off significantly prior to reaching Prairie City Road, which matches historic nature and extent descriptions. I think the only new data here is the presence of water in the southern wells (30478 and 30481) and the presence of TCE and perchlorate in these wells. Probably requires additional monitoring wells to the south during fall sampling event.

Will discuss further in early August. Chris

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Engineering Manager, Site Remediation
11260 Pyrites Way, Suite 125
Rancho Cordova, CA 95670
Ph: 916-355-3341
Fax: 916-355-6145
Email: Christopher.Fennessy@Rocket.com